TRAVIS INDUSTRIES
HOUSE OF FIRE

GreenStart Igniter 3 for Freestanding Stoves Installation Instructions

(SKU 94400955)

Compatibility

- Answer (2020 Compliant) or older Answer (Serial Number 1102-074894 or greater)
- Endeavor (2020 Compliant) or older Endeavor (Serial Number 1103-55526 or greater)
- Liberty (2020 Compliant) or older Liberty (Serial Number 1105-38119 or greater)
- Cape Cod Stove
- Evergreen Stove
- Rockport Stove

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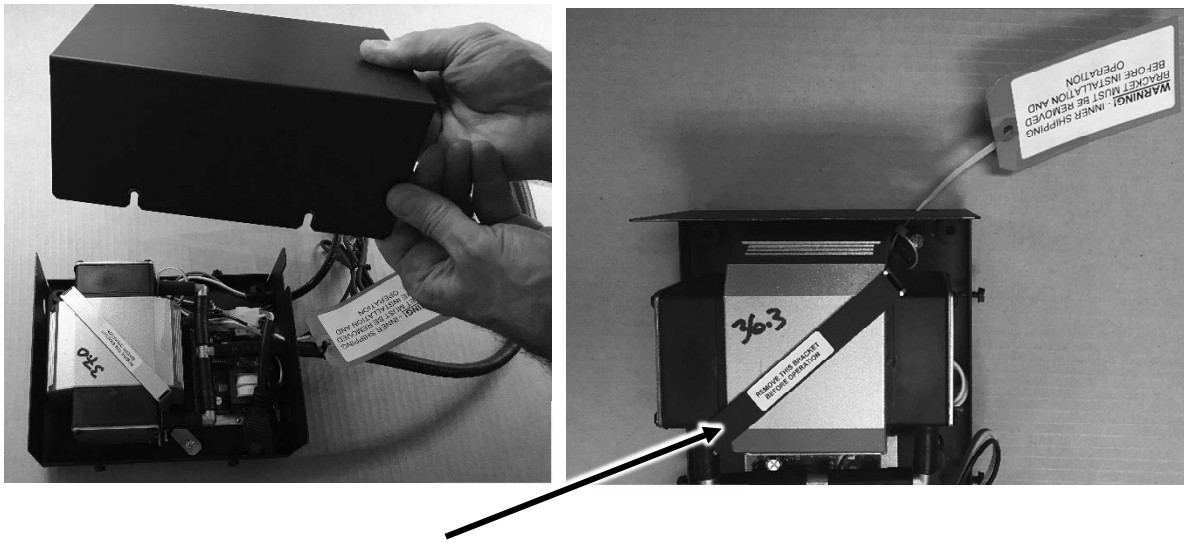
Electrical Requirements

USA or CANADA: This kit requires 8 amps, 120 Volt AC.

REMOVE AND DISCARD THE SHIPPING BRACKET



Remove and discard this shipping bracket and 2 screws (use a ¼" nutdriver).

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GreenStart Igniter 3 for Freestanding Stoves
Installation Instructions

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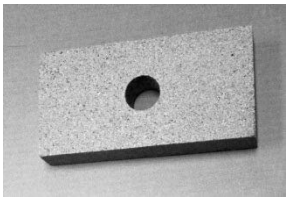
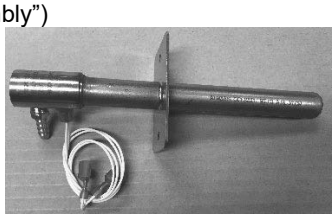
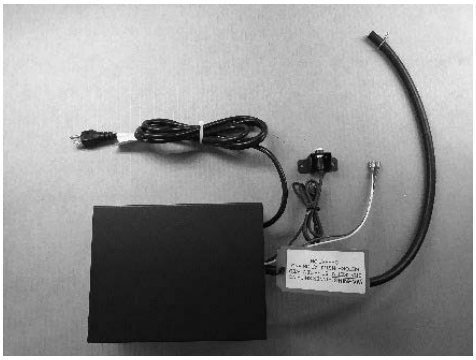
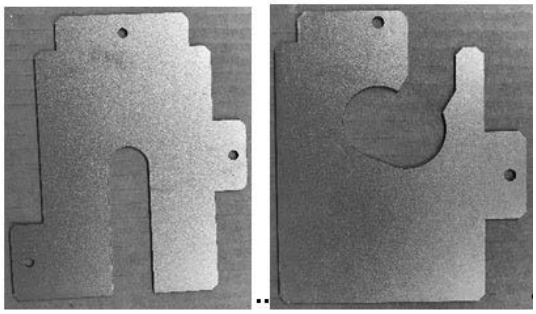
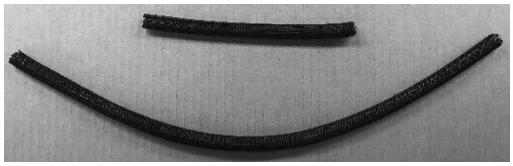
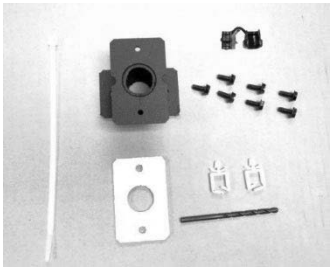
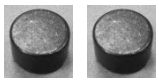
Packing List

• Igniter Firebrick 	• Igniter (the igniter and cover box together are referred to as "igniter assembly") 
• Compressor Assembly 	• (2) Cover Plates Cape Cod (10/19 or Later) Universal 
• Universal Cover Box 	• 2 Wire Loom Sections 
• (2) Cable Holders • Gasket • Lock-tie • Cord Restraint • Igniter Spacer • (7) 10-24 x ½" screws 	• (2) Magnets (Used for Cape Cod/Rockport/Evergreen without blower only) 

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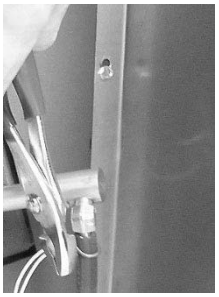
Installation Tips

- **Remove the shipping bracket from the pump box before proceeding with installation.**
- The igniter assembly must be installed before placing the stove.
- If using a blower, install it first.
- It is not necessary to install the blower first on the Endeavor, if applicable.
- Wood placement is the key. Experiment with different sizes of wood and wood placement until you find a method that works best for your wood quality and kindling.
- The compressor assembly must be placed as shown in the instructions. Placing it on its side, near hot components, or in a location where temperatures go below 40° F will void the warranty and may lead to premature failure.

All Stove Models – Igniter Hose Clamp

A hose clamp is attached to each igniter hose. You will need to set the clamp while attaching the hose to the igniter. See the photos below.



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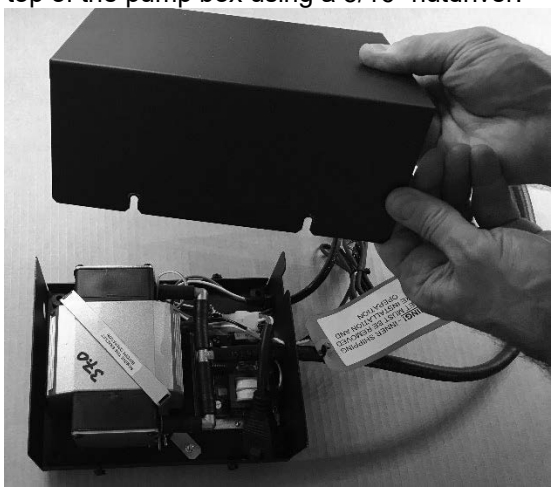
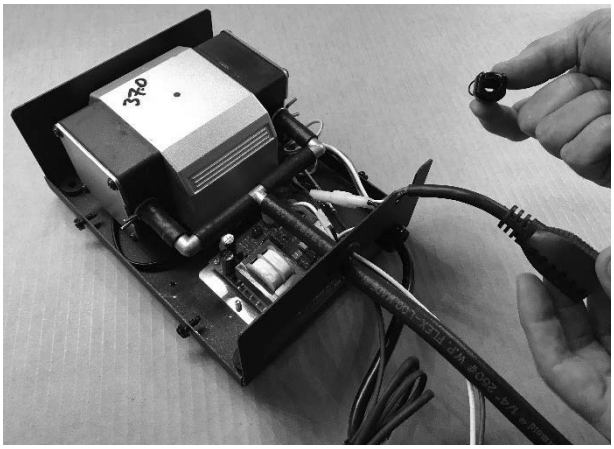
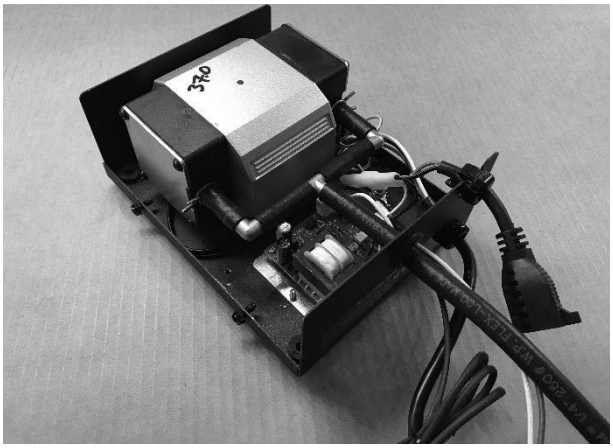
Using a Room Blower Outlet with the GreenStart 2 Igniter (US/Canada Only)

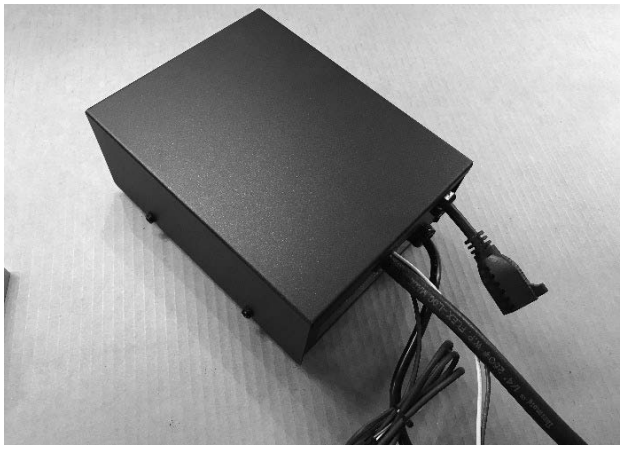
An extra outlet for the room blower is included with the GreenStart Igniter 3 for Freestanding Stoves. To access this outlet remove the top of the pump box using a 5/16" nutdriver.



The outlet ships inside the housing. Route it through the slot and use the included strain-relief to hold the cable in place (see pictures below). Replace the cover.







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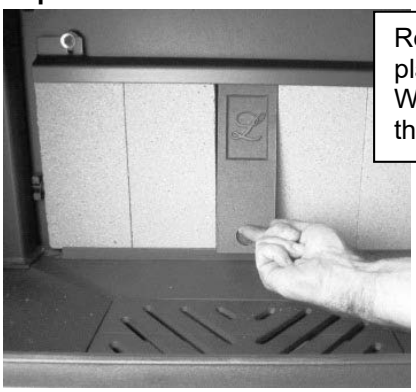
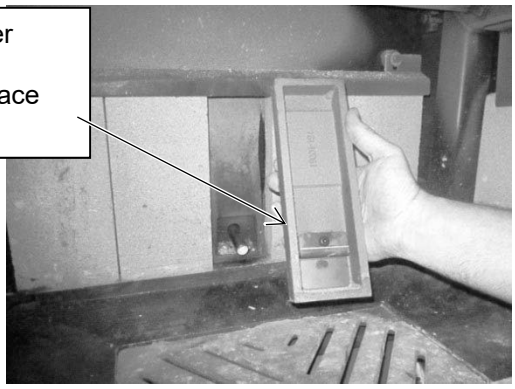
Installation

Modify the firebrick inside the firebox as shown below.

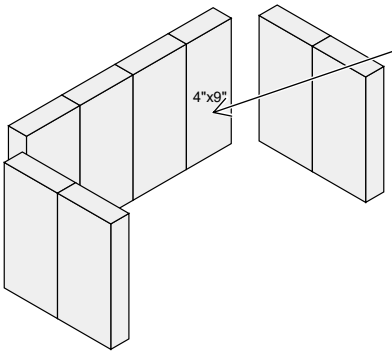
Cape Cod



Remove this cover plate (5/32" Hex Wrench) and replace the firebrick.



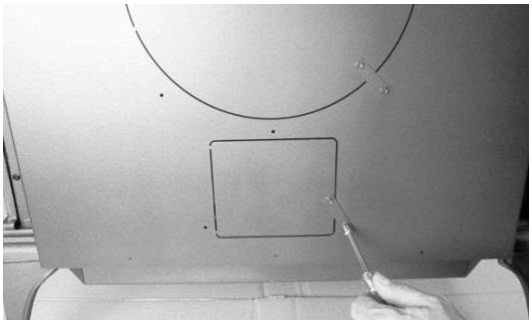
Evergreen, Rockport, Endeavor, Liberty, Answer



Remove this brick and replace it with the igniter firebrick. The Evergreen uses the brick included with the igniter, the Rockport uses the brick included with the stove.

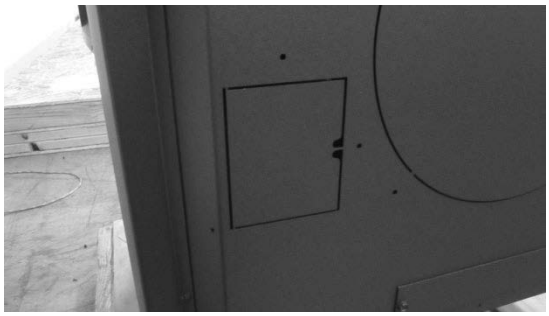
Cape Cod (9/19 or Earlier)

Remove the cover plate and bracket.
This installation does not use a cover box.



Endeavor, Liberty, Evergreen & Rockport, Answer and Cape Cod (10/19 or Later)

Remove the igniter knock-out on the rear of the stove. This is best done by snipping one of the tabs holding the knock-out in place then bending the knock-out repeatedly until it comes loose.



NOTE: On the Cape Cod (10/19 or later) the knockout it shaped like the knockout above but is located in the in the middle of the rear heat shield like in the picture to the left.

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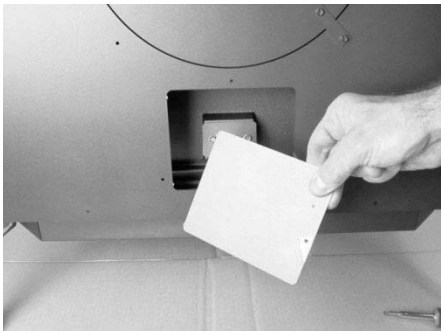
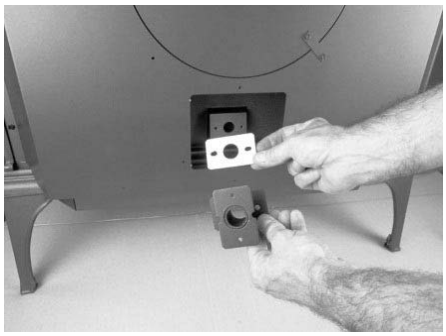
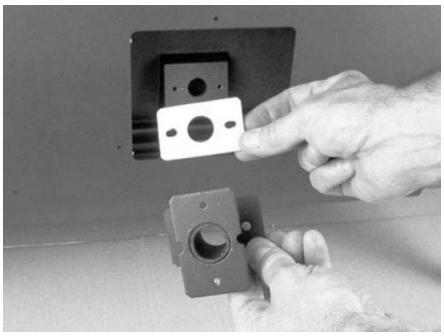
The knock-out may be discarded.

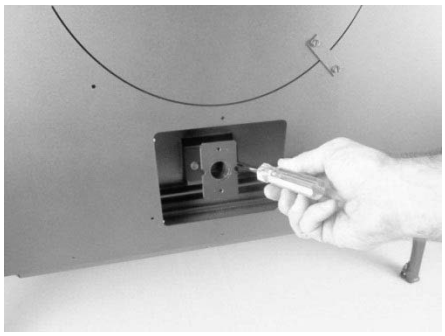


Remove the igniter cover plate and gasket. Retain the gasket and screws.

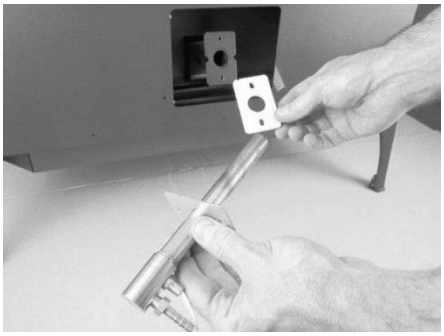


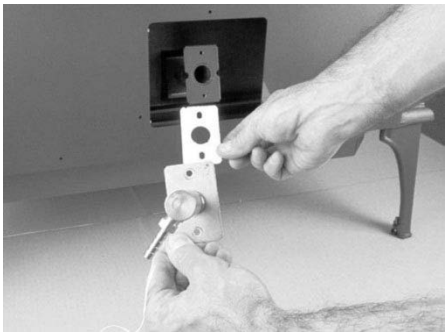
Install the igniter spacer using the screws and gasket removed in step 6. Make sure to use the screws that were removed with the gasket.





Attach the igniter with gasket to the igniter sleeve using the screws and gasket included in this kit. Note that the igniter gasket is placed between the sleeve and igniter assembly.





NOTE: The brass nipple faces down.

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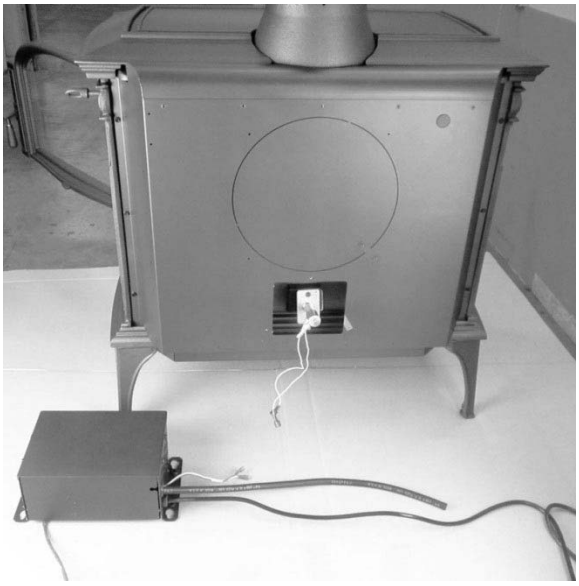
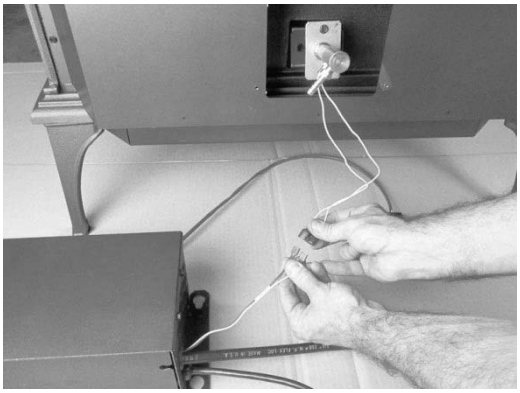
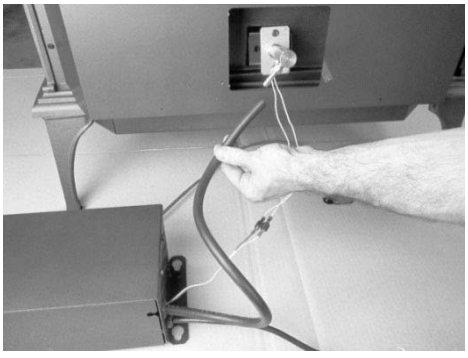
Place the compressor assembly on the floor next to the stove.

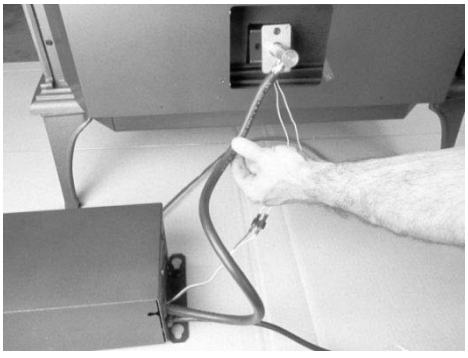


Attach the igniter wires to the compressor assembly wires.



Attach the ¼" tube to the nipple on the igniter.





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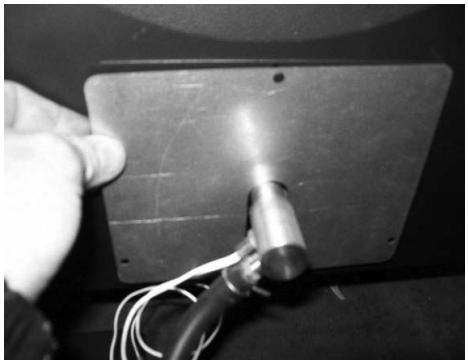
Attach the cover plate and igniter cover box over the igniter.

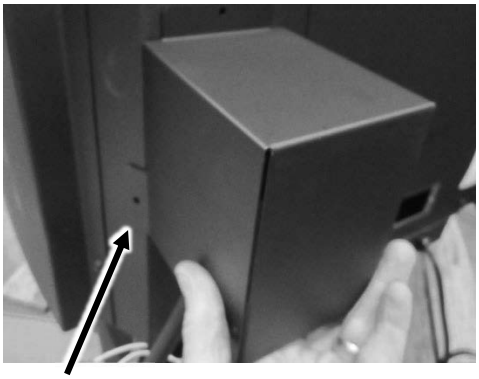
Pre-2020 Endeavors – For these stoves the cover plate and cover box are not required. If you do wish to the conceal the igniter, use self-drilling screws (not included) to secure the cover box to the back of the stove.

Answer Wood Stoves – These stoves do not use a cover plate. Attach the cover box as shown below.

Cape Cod 9/19 or Earlier
Does not use a cover box. Use the cover plate included with stove.

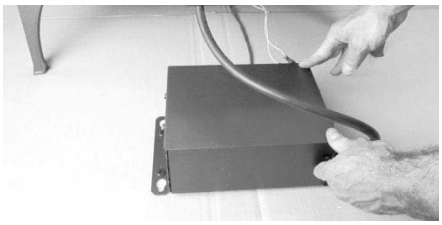


Everything Else (except Answer)
Use included cover plate - see page 2 for details



NOTE: This tab is bent flat on the Answer and Cape Cod (10/19 or Later)

Place the compressor assembly on the floor behind the stove.



NOTE: An extra outlet may be used with the Cape Cod stove; see page 4.

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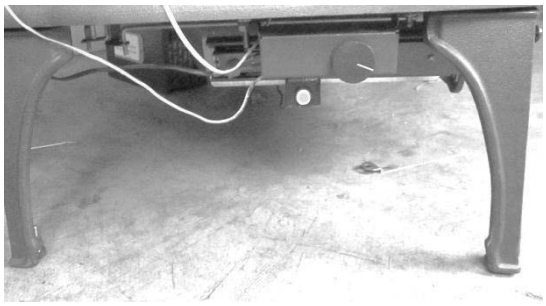
Route the igniter switch from the compressor assembly underneath the stove.

Stoves with Blower (except Answer)

Attach the igniter switch bracket to the bottom of the rheostat bracket with two screws.

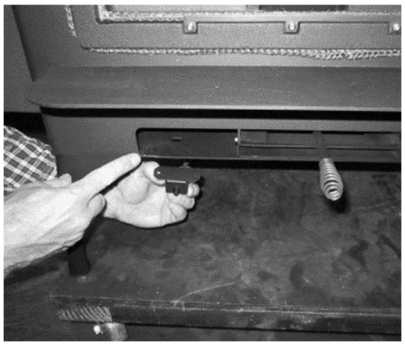
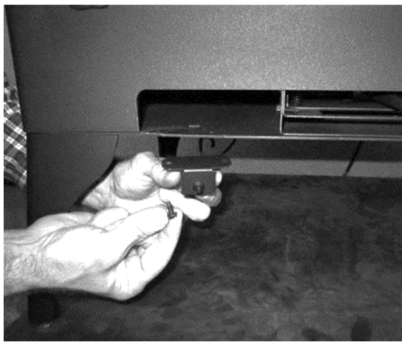
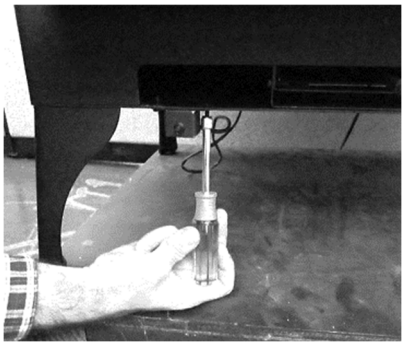


Stoves without Blower (except Answer)

Attach the igniter switch to the bottom of the stove using the two included magnets.

Answer Only

Attach the igniter switch to the bottom of the stove using the two included screws.

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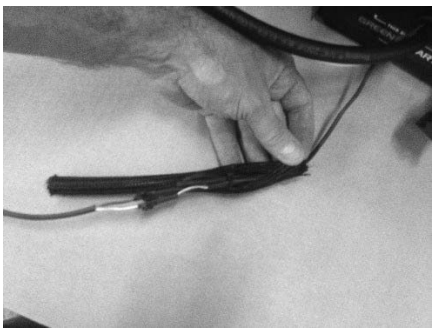
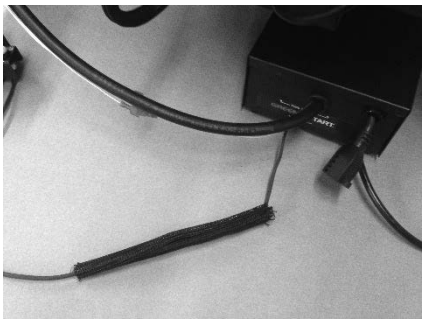
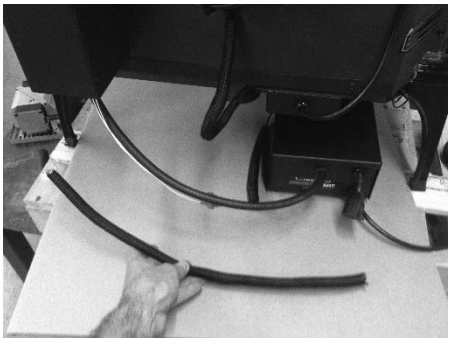
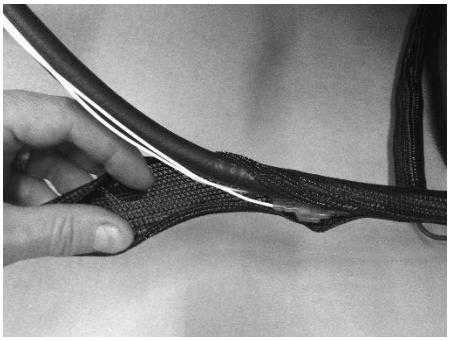
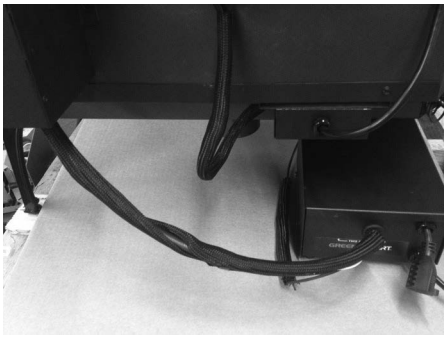
Installing the Wire Loom

This kit includes two segments of wire loom. Place the shorter piece on the wires leading to the switch to conceal the wiring and connectors.

Place the longer piece of loom over the wires and tube leading to the igniter.

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Igniter Operation

Warnings

MAKE SURE THE AIR CONTROL AND BYPASS (IF APPLICABLE) ARE OPEN. FAILURE TO OPEN THESE CONTROLS MAY LEAD TO SMOKE ENTERING THE HOME.

DO NOT OPEN THE DOOR DURING IGNITION. THIS MAY LEAD TO SMOKE ENTERING THE HOME.

DO NOT PLACE YOUR HAND NEAR THE IGNITER OPENING. THIS AREA BECOMES EXTREMELY HOT AND MAY CAUSE SEVERE BURNS.

Operating Tips

- The compressor assembly will turn on for 30 seconds when it is first plugged in. This is normal.
- The igniter must be operated only with someone present. Improper operation may lead to smoke entering the home.
- Hardwood or un-seasoned wood may take longer to ignite. For this kind of wood you may need to cut the kindling into smaller pieces.
- Wood placement is the key. Experiment with different sizes of wood and wood placement until you find a method that works best for your wood quality and kindling.
- Make sure to place wood within 1” of the igniter opening.

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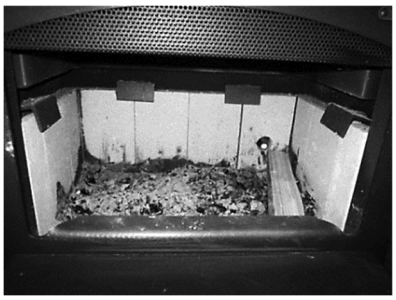
Igniter Instructions

Gather a handful of kindling, approximately 1-1/2" in diameter. Place two sticks under the igniter in the path of the air stream, as shown below. Stack the remaing kindling near the air opening, leaving a minimum 1" gap to the igniter opening and plenty of space for air to pass through. The more surface area the air flow contacts, the quicker the fire will start.

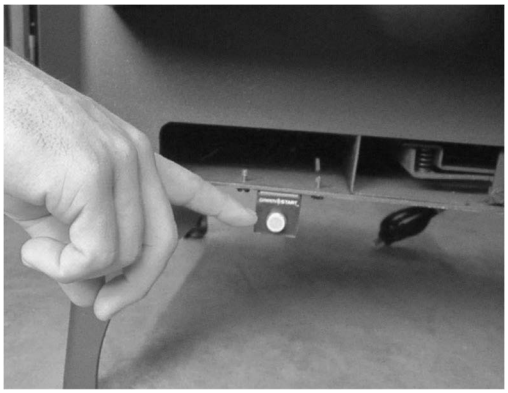


Make sure the air control and bypass are in the open position.

Close the stove door when all kindling is in place.

 © Travis Industries, Inc.

Press the igniter button to start the ignition process. The green indicator light on the button will turn on.



The igniter and compressor assembly will run for 15 minutes before shutting off automatically.

NOTE: If you need to turn off the igniter after starting the ignition process, press the GreenStart button a second time. The system will turn off power to the igniter and the GreenStart button will flash. The pump will continue to run for about seven minutes and then shut off.

BELLOWS FEATURE

If a bellows effect is desired (adding oxygen to the fire without cycling the igniter) simply push the GreenStart button twice, which will start the pump-only mode. The bellows effect will stay on for 7 minutes, before the unit shuts down.

Want to know more?

Scan this code with a QR reader on your cell phone or use the URL below to watch a video of how to use the GreenStart igniter.

https://vimeo.com/333399016

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